

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	947	((((shaft rod cylind\$6) near4 (linear\$4 force load\$4 in?line thrust\$4) near4 (mov\$4 displac\$4)) and ((shaft rod cylind\$6) near4 (torque rotat\$4 torsion\$4 twist\$4 circular\$4)) or (push near2 rod)) and ((torque torsion\$4 rotat\$4) near4 (sens\$4 detect\$4 monitor\$4 meter\$4 asses\$4 determin\$4 estimat\$4 gauge) near3 (rod cylind\$5 shaft)) and ((two plural\$4 many pair second) near3 (shaft rod cylind\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 13:44
L4	946	((((shaft rod cylind\$6) near4 (linear\$4 force load\$4 in?line thrust\$4) near4 (mov\$4 displac\$4)) or (push near2 rod)) and ((shaft rod cylind\$6) near4 (torque rotat\$4 torsion\$4 twist\$4 circular\$4)) and ((torque torsion\$4 rotat\$4) near4 (sens\$4 detect\$4 monitor\$4 meter\$4 asses\$4 determin\$4 estimat\$4 gauge) near3 (rod cylind\$5 shaft)) and ((two plural\$4 many pair second) near3 (shaft rod cylind\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 13:44
L5	310	4 and (((thrust\$4 load\$4 force) near4 (sens\$4 detect\$4 monitor\$4 meter\$4 asses\$4 determin\$4 estimat\$4 gauge)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 13:48
L6	311	3 and (((thrust\$4 load\$4 force) near4 (sens\$4 detect\$4 monitor\$4 meter\$4 asses\$4 determin\$4 estimat\$4 gauge)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 13:48
L7	7	5 and (thrust\$4 push\$4 press\$3) near3 (rod cylind\$5 shaft) near6 (torque torsion\$4 rotat\$4) near3 (connect\$4 received inside admit\$4 interior internal\$4 inward transmit\$4) near4 (rod cylind\$5 shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 13:49
L8	7	6 and (thrust\$4 push\$4 press\$3) near3 (rod cylind\$5 shaft) near6 (torque torsion\$4 rotat\$4) near3 (connect\$4 received inside admit\$4 interior internal\$4 inward transmit\$4) near4 (rod cylind\$5 shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 14:34
L9	7	6 and (thrust\$4 push\$4 press\$3) near3 (rod cylind\$5 shaft) near6 (torque torsion\$4 rotat\$4) near3 (connect\$4 received inside convert\$4 admit\$4 interior internal\$4 inward transmit\$4) near4 (rod cylind\$5 shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 15:00
L10	49	("5685274" "4760757" "4981044" "6340063" "6415878" "6629570" "6007303" "4289005" "4352503" "4487270" "4527676" "4584884" "4597289" "4765192" "4815570" "4822215" "4823617" "4833941" "4851171" "4874072" "4909527" "4966380" "5017866" "5269383" "5306183" "5421240" "5445036" "5600955" "5671635" "5681004" "5749429" "5904223" "5921149" "5957246" "6021636" "6042053" "6200030" "6213713" "6213713" "6240789" "6244132" "6286784" "6289749" "6325192" "6370459" "6390230" "6402659" "6405846" "6547694" "5334097").pn.	USPAT	OR	ON	2005/01/12 14:44
L11	24	("5399128" "4436168" "4875110" "5470199" "5531282" "5568704" "5597138" "5664372" "3878883" "4027483" "4112710" "4116080" "4242979" "4263788" "4275795" "4277709" "4280524" "4291723" "4303206" "4307628" "4326846" "4360752" "4371211" "4372400").pn.	USPAT	OR	ON	2005/01/12 14:44
L12	74	(thrust\$4 push\$4 press\$3) near3 (rod cylind\$5 shaft) near3 thread\$4 near6 (torque torsion\$4 rotat\$4) near3 (connect\$4 received inside convert\$4 admit\$4 interior internal\$4 inward transmit\$4) near4 (rod cylind\$5 shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 15:01
L13	45	(thrust\$4 push\$4 press\$3) near3 (rod cylind\$5 shaft) near3 thread\$4 near6 (torque torsion\$4 rotat\$4) near3 (induc\$4 received inside convert\$4 admit\$4 interior internal\$4 inward transmit\$4) near4 (rod cylind\$5 shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 15:09

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L14	20	(thrust\$4 push\$4 press\$3) near3 (rod cylind\$5 shaft) near3 thread\$4 near3 (inter\$5 received inside within) near6 (torque torsion\$4 rotat\$4) near3 (induc\$4 convert\$4 admit\$4 internal\$4 produc\$5 transmit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 15:11
S1	332	73/862.333.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 15:25
S2	2884	(thrust\$4 push\$4 press\$3) near3 (rod cylind\$5 shaft) near6 (torque torsion\$4 rotat\$4) near3 (connect\$4 receive inside admit\$4 interior internal\$4 inward) near4 (rod cylind\$5 shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 13:49
S3	2986	(thrust\$4 push\$4 press\$3) near3 (rod cylind\$5 shaft) near6 (torque torsion\$4 rotat\$4) near3 (connect\$4 receive inside admit\$4 interior internal\$4 inward) near4 (rod cylind\$5 shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 14:27
S5	3091	(thrust\$4 push\$4 press\$3) near3 (rod cylind\$5 shaft) near6 (torque torsion\$4 rotat\$4) near3 (connect\$4 receive\$3 inside admit\$4 interior internal\$4 inward) near4 (rod cylind\$5 shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 14:28
S6	749	S5 and ((convert\$4 turn\$4 transform change translate transpose) near4 (torque rotat\$4 torsion\$4 circular\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 15:12
S7	247	S6 and (sensor magnetometer hall detect\$4 transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 14:34
S8	74	S7 and magnet\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 14:35
S9	1058	((thrust\$4 push\$4 press\$3) near3 (rod cylind\$5 shaft)) same((torque torsion\$4 rotat\$4) near3 (connect\$4 received inside admit\$4 interior internal\$4 inward) near4 (rod cylind\$5 shaft)) and ((convert\$4 turn\$4 transform change translate transpose) near4 (torque rotat\$4 torsion\$4 circular\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 14:34
S10	365	S9 and (sensor magnetometer hall detect\$4 transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 14:35
S11	312	S10 not optic\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 14:35
S12	94	S11 and magnet\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 14:35
S13	264	(thrust\$4) near3 (rod cylind\$5 shaft) near6 (torque torsion\$4 rotat\$4) near3 (connect\$4 received inside admit\$4 interior internal\$4 inward) near4 (rod cylind\$5 shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 15:11

S14	23	S13 and ((convert\$4 turn\$4 transform\$4 chang\$4 transla\$4 transpos\$4) near4 (linear\$4 in?line thrust\$4) near4 (torque rotat\$4 torsion\$4 circular\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 15:14
S15	28	S13 and ((convert\$4 turn\$4 transform\$4 chang\$4 transla\$4 transpos\$4) near4 (linear\$4 force load\$4 in?line thrust\$4) near4 (torque rotat\$4 torsion\$4 circular\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 15:48
S16	827	"73"/\$6.ccls. and ((convert\$4 turn\$4 transform\$4 chang\$4 transla\$4 transpos\$4) near4 (linear\$4 force load\$4 in?line thrust\$4) near4 (torque rotat\$4 torsion\$4 circular\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 15:20
S17	8	S16 and (thrust\$4 push\$4 press\$3) near3 (rod cylind\$5 shaft) near6 (torque torsion\$4 rotat\$4) near3 (connect\$4 received inside admit\$4 interior internal\$4 inward) near4 (rod cylind\$5 shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 15:35
S18	162	73/862.49.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 15:34
S19	3914	((thrust\$4 push\$4 press\$3) near3 (rod cylind\$5 shaft)) and ((torque torsion\$4 rotat\$4) near4 (rod cylind\$5 shaft) near4 (sensor magnetometer hall detect\$4 transducer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 16:03
S20	281	S19 and ((convert\$4 turn\$4 transform\$4 chang\$4 transla\$4 transpos\$4) near4 (linear\$4 force load\$4 in?line thrust\$4) near4 (torque rotat\$4 torsion\$4 circular\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 16:02
S21	9	("5889215" "6330833" "6516508" "6598491").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 15:51
S22	2940	((convert\$4 turn\$4 transform\$4 chang\$4 transla\$4 transpos\$4) near4 (linear\$4 force load\$4 in?line thrust\$4) near4 (torque rotat\$4 torsion\$4 circular\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 16:21
S23	104	S22 and ((thrust\$4) near3 (rod cylind\$5 shaft))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 16:11
S24	880	S22 and ((torque torsion\$4 rotat\$4) near4 (sens\$4 detect\$4 monitor\$4 meter\$4 asses\$4 determin\$4 estimat\$4 gauge))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 16:13
S25	720	S24 and (rod cylind\$5 shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 16:11
S26	181	S22 and ((torque torsion\$4 rotat\$4) near4 (sens\$4 detect\$4 monitor\$4 meter\$4 asses\$4 determin\$4 estimat\$4 gauge) near3 (rod cylind\$5 shaft))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 16:12

S27	105	S26 and ((thrust\$4 load\$4 force) near4 (sens\$4 detect\$4 monitor\$4 meter\$4 asses\$4 determin\$4 estimat\$4 gauge))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 16:24
S28	577	((convert\$4 turn\$4 transform\$4 chang\$4 transla\$4 transpos\$4) near4 (shaft rod cylind\$6) near4 (linear\$4 force load\$4 in?line thrust\$4) near4 (torque rotat\$4 torsion\$4 circular\$4)) .clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 16:34
S29	114	S28 and ((thrust\$4 load\$4 force) near4 (sens\$4 detect\$4 monitor\$4 meter\$4 asses\$4 determin\$4 estimat\$4 gauge))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 17:08
S30	60	((convert\$4 turn\$4 transform\$4 chang\$4 transla\$4 transpos\$4) near4 (shaft rod cylind\$6) near4 (linear\$4 force load\$4 in?line thrust\$4) near4 (mov\$4 displac\$4 position location) near4 (torque rotat\$4 torsion\$4 circular\$4)) .clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 17:00
S31	6	("5557154" "5731702" "4456934").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 16:58
S32	43	((convert\$4 turn\$4 transform\$4 chang\$4 transla\$4 transpos\$4) near4 (shaft rod cylind\$6) near4 (linear\$4 force load\$4 in?line thrust\$4) near4 (mov\$4 displac\$4 position location) near4 (torque rotat\$4 torsion\$4 circular\$4)) and ((torque torsion\$4 rotat\$4) near4 (sens\$4 detect\$4 monitor\$4 meter\$4 asses\$4 determin\$4 estimat\$4 gauge) near3 (rod cylind\$5 shaft))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 17:05
S33	329	((shaft rod cylind\$6) near4 (linear\$4 force load\$4 in?line thrust\$4) near4 (mov\$4 displac\$4 position location) near4 (torque rotat\$4 torsion\$4 circular\$4)) and ((torque torsion\$4 rotat\$4) near4 (sens\$4 detect\$4 monitor\$4 meter\$4 asses\$4 determin\$4 estimat\$4 gauge) near3 (rod cylind\$5 shaft)) and ((two plural\$4 many pair second) near3 (shaft rod cylind\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/11 17:06
S34	674	((shaft rod cylind\$6) near4 (linear\$4 force load\$4 in?line thrust\$4) near4 (mov\$4 displac\$4)) and ((shaft rod cylind\$6) near4 (torque rotat\$4 torsion\$4 circular\$4)) and ((torque torsion\$4 rotat\$4) near4 (sens\$4 detect\$4 monitor\$4 meter\$4 asses\$4 determin\$4 estimat\$4 gauge) near3 (rod cylind\$5 shaft)) and ((two plural\$4 many pair second) near3 (shaft rod cylind\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 13:41
S35	270	S34 and ((thrust\$4 load\$4 force) near4 (sens\$4 detect\$4 monitor\$4 meter\$4 asses\$4 determin\$4 estimat\$4 gauge))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/12 13:48